86-8

Occupational Earnings and Wage Trends in Metropolitan Areas, 1986

U.S. Department of Labor
Bureau of Labor Statistics
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Summary 86-8 (No. 1 of 3)

The Bureau of Labor Statistics surveys metropolitan areas throughout the year under its program of occupational wage surveys. The tables in this summary present data for 24 areas surveyed from January through June 1986. Data for the remaining 46 areas surveyed in 1986 will be presented in two subsequent summaries.

The program covers six industry divisions: Manufacturing; transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and selected services. Major exclusions are the mining and construction industries, government, and establishments employing fewer than 50 workers.

Earnings information is presented in this summary for selected office; professional and technical; and maintenance, toolroom, powerplant, material movement, and custodial occupations common to a variety of industries (tables 1-3). Classification of workers by occupation is based on a uniform set of job descriptions designed to take account of interestablishment variation in duties within the same job. (Job descriptions are available on request.) Data are not shown if employment in the occupation is insufficient to merit presentation or if there is a possibility that individual establishment data may be disclosed. Wage trends computed for selected occupational groups are also presented (table 4).

Individual area bulletins are published upon completion of each survey. Data on average straight-time earnings and distribution of workers by earnings intervals are presented for selected occupations and industry groupings. The area bulletins also present information on minimum entrance salaries for inexperienced office workers; shift differentials; scheduled weekly hours and days of work; paid holidays; paid vacations; health, insurance, and retirement plans; health plan participation; and other selected benefits. This information on establishment practices and employee benefits is collected in each area every third year on a rotating basis.

In addition to the area wage survey program, the Bureau will conduct approximately 90 wage surveys in 1986 at the request of the Employment Standards Administration of the U.S. Department of Labor for use in administering the Service Contract Act. Although generally similar to the regular area wage surveys, these special surveys are more restricted in the number of jobs and related benefits studied and the amount of detail published; moreover, they present no wage trend data.

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Table 1. Average earnings for selected office occupations in 24 areas, January-June 1986[1]

Occupation and level[2]	Atlanta, GA	Chicago, IL	Davenport-Rock Island-Moline, IA-IL	Detroit, MI	Greenville-Spartanburg, SC	Houston, TX	Huntsville, AL	Jackson, MS	Milwaukee, WI	Minneapolis-St. Paul, MN-WI	Newark, NJ	New York, NY-NJ
	May	March	February	April	June	April	February	January	May	January	January	May
Secretaries	$406.00	$389.00	$466.50	$470.00	$324.00	$422.00	$349.50	$331.50	$366.50	$361.50	$401.00	$405.00
Secretaries I	325.00	333.50	249.50	428.50	292.50	337.50	302.00	268.00	340.50	–	334.50	318.00
Secretaries II	352.50	348.50	363.00	365.50	319.00	386.50	321.50	296.00	336.00	330.00	391.50	355.00
Secretaries III	416.00	383.00	496.50	480.00	330.50	425.50	364.00	356.50	357.00	351.50	396.00	390.00
Secretaries IV	443.00	430.00	531.50	450.00	388.00	490.00	387.00	456.50	430.00	385.00	440.00	455.50
Secretaries V	514.50	504.50	–	612.50	–	548.50	–	–	479.50	450.50	478.00	520.50
Stenographers	430.00	394.50	–	424.00	–	392.50	–	–	387.50	384.00	–	354.00
Stenographers I	371.50	432.00	–	354.00	–	382.00	–	–	341.00	399.00	–	304.50
Stenographers II	–	344.50	–	460.00	–	–	–	–	395.50	–	–	373.50
Transcribing-machine typists	–	–	–	–	–	–	–	–	–	–	–	–
Typists	268.50	259.50	366.50	272.00	235.50	281.50	–	229.50	289.00	250.00	254.50	262.50
Typists I	263.50	240.50	234.00	243.00	–	275.50	214.50	229.50	264.00	229.00	235.00	242.00
Typists II	–	292.00	443.50	337.00	–	297.50	–	–	314.00	305.00	309.00	293.00
Word processors	322.00	324.50	286.50	340.50	276.00	358.50	300.50	226.00	319.00	314.00	317.50	331.00
Word processors I	301.00	306.00	258.50	294.50	262.50	316.50	286.50	224.50	286.50	284.00	298.00	303.50	353.50
Word processors II	353.00	341.00	318.00	410.00	294.50	385.00	–	–	345.50	337.00	368.50	222.50
File clerks	236.00	221.50	205.00	214.50	200.00	242.00	–	198.00	235.00	212.00	221.00	204.00
File clerks I	215.50	199.50	183.50	197.00	192.50	225.50	–	193.50	218.00	189.50	199.00	230.00
File clerks II	275.50	250.50	–	–	–	277.50	–	–	236.50	227.00	232.00	277.00
File clerks III	–	268.00	–	–	–	–	–	–	265.00	–	–	223.00
Messengers	233.50	236.50	–	299.00	–	247.00	–	189.50	227.50	227.50	252.50	269.50
Receptionists	290.00	261.50	–	269.50	–	288.00	–	–	238.00	246.50	293.50	269.50
Switchboard operators	268.50	262.50	–	285.50	241.00	256.00	234.50	228.00	259.00	270.50	276.00	282.50
Switchboard operator-receptionists	259.00	262.50	247.50	272.00	253.00	265.50	244.00	243.00	249.50	269.50	272.00	290.50
Order clerks	309.50	317.00	406.00	320.00	298.50	327.50	–	–	263.50	317.50	300.50	284.50
Order clerks I	280.00	266.50	–	268.50	256.50	289.00	–	267.50	257.50	276.50	260.50	269.00
Order clerks II	336.00	360.00	–	476.50	341.00	380.00	–	–	273.00	380.50	373.50	325.50
Accounting clerks	308.00	303.50	352.50	329.00	263.50	333.50	261.00	271.50	299.00	300.50	302.50	322.50
Accounting clerks I	258.50	240.00	–	257.00	250.50	300.50	209.50	224.50	246.00	236.50	241.50	250.00
Accounting clerks II	287.00	283.00	316.00	290.50	252.00	307.50	243.50	277.00	280.00	269.50	283.50	304.50
Accounting clerks III	326.50	343.50	443.50	342.50	299.00	368.50	277.50	284.00	325.50	320.50	341.00	339.00
Accounting clerks IV	420.50	400.50	464.00	556.00	–	445.50	374.00	337.50	382.50	395.00	399.00	415.50
Payroll clerks	313.50	325.50	374.50	361.50	268.50	359.50	277.00	276.50	317.00	328.00	322.00	339.50
Key entry operators	280.00	286.50	371.00	280.50	236.50	308.00	303.50	269.00	299.50	284.50	267.00	294.50
Key entry operators I	272.00	267.50	250.00	260.00	234.00	294.50	308.50	261.50	289.50	265.50	242.50	280.50
Key entry operators II	338.00	320.50	413.00	343.50	257.50	330.00	–	–	304.50	303.50	305.00	314.00

See footnotes at end of table.

Table 1. Continued—Average earnings for selected office occupations in 24 areas, January-June 1986[1]

Occupation and level[2]	Norfolk-Virginia Beach-Portsmouth, VA-NC	Pittsburgh, PA	Providence-Warwick-Pawtucket, RI-MA	Richmond, VA	St. Louis, MO-IL	San Francisco-Oakland, CA	San Jose, CA	Toledo, OH-MI	Washington, DC-MD-VA	Wichita, KS	Worcester, MA	York, PA
	May	January	June	June	March	March	March	June	March	April	March	January
Secretaries	$306.50	$367.00	$324.50	$345.00	$359.00	$423.00	$434.00	$414.00	$392.50	$397.00	$351.50	$313.50
Secretaries I	252.50	340.50	264.00	307.50	298.50	350.00	348.50	-	321.50	355.50	265.50	253.50
Secretaries II	275.00	311.50	318.50	283.50	309.50	389.00	388.00	310.00	346.00	326.50	313.50	277.00
Secretaries III	321.50	373.00	320.00	346.00	358.00	396.00	419.00	380.00	396.50	404.00	355.50	341.00
Secretaries IV	334.00	407.00	373.50	391.50	413.50	449.00	451.00	417.00	435.50	456.50	403.50	359.00
Secretaries V	458.00	471.50	425.00	453.00	496.00	529.00	524.00	533.50	484.00	466.00	450.00	-
Stenographers	-	349.50	257.00	355.00	327.50	-	-	400.00	-	-	-	320.00
Stenographers I	-	358.00	257.00	-	293.00	404.00	-	391.50	-	-	-	-
Stenographers II	-	321.50	-	-	363.00	-	-	-	-	-	-	317.00
Transcribing-machine typists	-	-	-	-	-	-	-	-	-	-	-	-
Typists	238.00	277.50	216.50	250.50	266.00	291.50	355.50	310.50	276.50	281.50	-	277.50
Typists I	235.00	270.00	213.00	247.00	255.50	271.00	301.50	266.50	265.00	253.00	-	256.50
Typists II	-	297.50	-	262.50	284.00	340.50	-	422.00	305.50	-	-	-
Word processors	249.50	319.00	265.50	289.00	287.50	380.50	401.50	316.50	344.50	317.50	278.00	298.00
Word processors I	235.50	295.50	-	277.00	258.50	371.00	359.00	329.00	308.00	-	257.00	293.50
Word processors II	273.50	348.50	-	314.50	320.50	393.00	416.00	301.50	367.50	332.00	312.00	-
File clerks	223.00	241.50	197.00	205.50	195.00	260.50	197.50	210.00	244.00	239.50	203.00	208.00
File clerks I	-	204.00	176.00	190.50	177.00	224.50	-	203.50	236.50	205.00	192.00	-
File clerks II	-	-	218.50	-	209.50	283.00	-	-	258.00	233.00	-	-
File clerks III	-	-	-	-	-	311.00	-	-	-	-	-	-
Messengers	-	238.50	200.00	216.00	227.50	291.00	-	235.00	260.00	-	223.00	-
Receptionists	222.50	262.00	-	258.00	281.50	280.00	311.00	-	255.50	-	-	-
Switchboard operators	226.50	264.00	248.50	247.00	259.50	316.00	281.00	280.00	241.50	286.50	274.50	-
Switchboard operator-receptionists	216.50	259.50	235.00	239.50	238.00	297.50	286.00	257.00	281.00	222.50	260.50	234.50
Order clerks	225.00	324.00	254.00	324.00	277.50	354.50	393.50	278.00	328.50	274.00	294.00	287.00
Order clerks I	224.50	247.00	242.50	273.50	243.50	308.00	-	242.50	295.00	238.50	268.50	222.50
Order clerks II	-	384.50	290.00	367.00	313.00	464.50	-	-	-	-	324.50	362.50
Accounting clerks	250.50	298.50	268.00	283.50	306.00	367.50	351.50	317.50	306.00	324.00	300.50	249.50
Accounting clerks I	227.50	236.00	228.00	230.00	208.00	344.00	-	241.00	241.50	229.50	229.50	204.00
Accounting clerks II	234.50	291.50	255.50	268.00	280.50	332.50	325.50	307.50	283.00	286.00	270.00	260.00
Accounting clerks III	293.50	344.00	307.00	314.50	352.50	384.00	356.00	356.00	327.50	365.50	338.50	325.00
Accounting clerks IV	-	420.50	395.00	382.50	452.00	440.50	402.00	495.00	396.50	416.50	-	-
Payroll clerks	259.50	366.50	279.00	290.50	325.50	372.50	382.00	341.00	316.00	299.00	310.00	269.50
Key entry operators	232.00	280.50	246.50	246.00	248.00	333.00	364.50	278.00	269.50	299.50	259.00	235.00
Key entry operators I	226.50	264.50	242.00	241.00	229.50	304.50	293.00	251.50	267.00	276.00	233.50	223.00
Key entry operators II	263.00	317.50	259.00	266.00	298.00	382.50	389.00	328.00	275.00	330.50	299.00	294.00

[1] The industries within the scope of the survey are: Manufacturing; transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and selected services. Earnings relate to regular straight-time salaries that are paid for standard workweeks.

[2] Data are included in the overall category of multilevel occupations even when a level is not shown or information to subclassify is not available. In some cases, the overall category may not meet publication criteria even though individual levels are published.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

Table 2. Average earnings for selected professional and technical occupations in 24 areas, January-June 1986[1]

Occupation and level[2]	Atlanta, GA	Chicago, IL[3]	Davenport-Rock Island-Moline, IA-IL[3]	Detroit, MI	Greenville-Spartanburg, SC	Houston, TX[3]	Huntsville, AL[3]	Jackson, MS	Milwaukee, WI	Minneapolis-St. Paul, MN-WI	Newark, NJ[3]	New York, NY-NJ
	May	March	February	April	June	April	February	January	May	January	January	May
Computer systems analysts	$665.50	$656.00	-	$674.50	$593.00	$811.50	-	$531.50	$662.00	$645.50	$696.00	$736.50
Computer systems analysts I	502.00	542.00	-	591.00	488.50	646.00	-	448.00	599.50	514.50	540.00	598.00
Computer systems analysts II	640.00	630.00	$728.50	640.00	579.00	748.50	-	573.50	635.00	606.50	620.00	707.00
Computer systems analysts III	709.50	724.00	-	746.50	696.50	878.50	$726.00	-	768.50	716.50	761.00	824.50
Computer systems analysts IV	-	797.00	-	-	-	1063.00	-	-	-	-	-	-
Computer programmers	540.50	532.50	487.50	519.50	467.00	592.00	478.00	454.00	501.00	500.00	526.50	549.50
Computer programmers I	424.50	403.50	341.00	468.00	367.00	465.50	-	362.00	401.50	393.00	406.00	436.00
Computer programmers II	487.50	480.00	442.50	497.50	443.00	530.00	419.50	438.50	473.50	488.50	504.00	534.50
Computer programmers III	631.50	613.50	591.00	613.50	569.50	629.50	530.00	-	561.50	568.00	601.50	621.00
Computer programmers IV	-	655.00	-	-	-	740.50	-	-	-	-	655.50	-
Computer operators	377.50	381.50	430.00	422.50	328.00	389.50	304.00	323.00	404.00	355.50	369.00	382.00
Computer operators I	332.00	302.00	255.00	383.50	300.00	324.50	265.00	288.50	304.00	292.50	283.00	294.00
Computer operators II	383.00	361.50	407.50	434.50	352.50	360.50	305.50	393.50	410.50	352.00	349.50	363.50
Computer operators III	500.00	422.50	569.50	535.00	-	439.50	340.50	-	442.00	407.00	432.00	456.00
Computer operators IV	-	508.00	-	-	-	542.00	-	-	-	-	518.50	-
Peripheral equipment operators	-	361.00	-	-	-	-	-	-	-	294.00	-	-
Computer data librarians	303.50	319.50	-	386.00	-	-	-	-	-	317.00	332.50	303.50
Drafters	420.00	445.50	472.00	552.00	398.00	507.00	347.00	372.00	438.00	430.00	453.50	472.00
Drafters I	-	-	-	218.50	-	-	-	-	-	-	-	-
Drafters II	364.00	340.50	-	309.00	305.50	364.50	272.00	-	308.00	332.00	319.50	-
Drafters III	427.00	422.50	-	432.00	421.50	425.50	365.00	-	425.00	345.50	405.50	456.00
Drafters IV	482.50	484.00	538.50	539.50	441.00	498.00	379.00	-	457.50	433.00	473.00	492.50
Drafters V	-	615.50	498.00	705.00	-	637.50	-	-	521.50	530.00	575.50	529.00
Electronics technicians	536.50	527.50	-	537.50	459.50	494.50	-	474.00	484.50	492.50	436.00	530.50
Electronics technicians I	-	415.50	-	-	-	426.50	-	-	-	391.50	377.00	-
Electronics technicians II	518.50	527.50	-	498.00	459.50	479.50	389.50	498.00	526.00	-	421.50	456.50
Electronics technicians III	558.50	607.50	-	564.50	490.50	558.50	453.50	-	-	584.00	486.50	-
Registered industrial nurses	533.00	483.00	525.00	605.00	361.50	543.50	465.00	-	500.50	500.50	485.00	512.00

See footnotes at end of table.

Table 2. Continued—Average earnings for selected professional and technical occupations in 24 areas, January-June 1986[1]

Occupation and level[2]	Norfolk–Virginia Beach–Portsmouth, VA– NC	Pittsburgh, PA	Providence–Warwick–Pawtucket, RI–MA	Richmond, VA[3]	St. Louis, MO–IL	San Francisco–Oakland, CA	San Jose, CA	Toledo, OH–MI	Washington, DC–MD–VA	Wichita, KS[3]	Worcester, MA[3]	York, PA
	May	January	June	June	March	March	March	June	March	April	March	January
Computer systems analysts	$616.50	$631.00	$599.50	$648.50	$678.00	$698.00	$724.50	$624.50	$627.00	$606.50	$609.00	$572.50
Computer systems analysts I	510.00	543.50	523.00	559.50	530.50	580.50	599.00	469.50	501.00	–	501.00	–
Computer systems analysts II	584.50	608.50	579.00	617.00	646.00	662.50	701.00	619.00	604.00	618.50	577.50	562.50
Computer systems analysts III	689.50	701.50	702.50	721.50	782.50	789.50	836.00	716.50	711.50	676.00	702.50	634.00
Computer systems analysts IV	–	–	–	–	–	–	–	–	–	–	–	–
Computer programmers	433.00	469.00	432.00	495.50	503.00	587.00	613.00	481.50	547.00	462.50	488.00	400.00
Computer programmers I	370.50	394.00	377.00	385.50	418.50	457.00	519.00	388.00	423.50	–	–	328.50
Computer programmers II	410.00	475.50	432.00	444.00	485.00	595.50	572.50	502.00	525.00	412.00	444.50	427.50
Computer programmers III	510.50	552.50	555.50	544.50	591.00	709.50	–	–	665.50	476.00	531.00	–
Computer programmers IV	–	–	–	590.00	–	–	–	–	–	–	–	–
Computer operators	306.50	362.00	317.50	342.00	356.50	402.50	428.50	365.00	376.00	370.50	352.00	294.50
Computer operators I	–	300.00	278.50	271.50	280.00	357.00	337.00	299.00	316.50	262.50	275.50	249.00
Computer operators II	328.50	344.00	337.00	333.50	347.50	393.50	425.50	405.50	382.00	331.50	312.00	316.00
Computer operators III	338.00	448.00	–	406.00	435.00	465.00	478.50	–	432.50	415.50	400.00	–
Computer operators IV	–	–	–	–	–	–	–	–	–	496.00	–	–
Peripheral equipment operators	–	–	–	–	251.50	388.50	–	–	–	–	–	–
Computer data librarians	–	407.50	–	286.00	285.50	343.00	–	–	345.50	–	–	–
Drafters	345.50	462.50	393.00	376.50	447.50	549.50	470.50	413.00	362.50	462.00	433.00	392.50
Drafters I	–	231.00	–	–	–	–	–	–	–	–	–	–
Drafters II	298.50	315.50	–	–	297.50	–	388.50	254.50	264.00	–	–	260.50
Drafters III	399.50	387.50	356.00	359.00	372.50	471.00	427.50	366.50	345.00	391.50	370.50	358.50
Drafters IV	380.50	465.00	–	402.00	473.50	531.50	496.50	456.00	394.00	462.50	450.50	424.00
Drafters V	–	550.00	–	–	603.50	635.50	577.00	520.00	522.50	534.00	490.00	465.50
Electronics technicians	–	583.00	428.50	581.50	564.50	578.00	493.50	518.50	542.00	524.50	431.00	524.50
Electronics technicians I	–	–	–	–	–	435.50	354.50	–	383.00	432.00	–	–
Electronics technicians II	470.00	–	412.50	–	523.00	550.50	492.50	–	–	504.50	431.00	516.50
Electronics technicians III	539.00	572.50	–	588.00	630.00	647.50	550.00	–	567.00	579.50	–	596.50
Registered industrial nurses	–	479.50	–	488.50	500.50	544.50	–	527.00	518.50	482.00	–	420.50

[1] The industries within the scope of the survey are: Manufacturing; transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and selected services. Earnings relate to regular straight-time salaries that are paid for standard workweeks.

[2] Data are included in the overall category of multilevel occupations even when a level is not shown or information to subclassify is not available. In some cases, the overall category may not meet publication criteria even though individual levels are published.

[3] Revised 4-level descriptions for computer systems analysts, computer programmers, and computer operators were introduced in this area in 1986. The revised descriptions for computer systems analysts and computer programmers are not comparable with the previous descriptions. Earnings for the overall computer operator description are comparable with earlier estimates; however, earnings for individual levels are not comparable.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

Table 3. Average earnings for selected maintenance, toolroom, powerplant, material movement, and custodial occupations in 24 areas, January-June 1986[1]

Occupation	Atlanta, GA	Chicago, IL	Davenport-Rock Island-Moline, IA-IL	Detroit, MI	Greenville-Spartanburg, SC	Houston, TX	Huntsville, AL	Jackson, MS	Milwaukee, WI	Minneapolis-St. Paul, MN-WI	Newark, NJ	New York, NY-NJ
	May	March	February	April	June	April	February	January	May	January	January	May
Maintenance, toolroom, and powerplant												
Maintenance carpenters	$13.50	$15.10	$14.37	$14.91	$8.66	$12.91	$11.28	-	$13.80	$14.30	$12.31	$13.60
Maintenance electricians	14.31	14.60	14.92	15.04	10.26	14.16	14.44	$12.46	14.80	15.61	13.22	13.89
Maintenance painters	13.95	14.18	-	15.07	-	12.26	-	-	-	14.46	12.59	13.43
Maintenance machinists	14.87	13.75	14.27	13.85	9.33	13.67	11.75	11.99	15.80	14.57	13.75	14.66
Maintenance mechanics (machinery)	11.18	13.24	14.11	15.29	10.09	13.37	13.46	11.21	13.80	12.52	11.08	10.87
Maintenance pipefitters	15.15	14.86	14.85	14.72	-	14.16	-	-	15.07	15.30	14.08	-
Millwrights	-	15.09	14.22	14.49	-	-	-	-	14.20	14.83	14.24	-
Motor vehicle mechanics	12.21	15.02	14.19	14.30	9.82	12.22	10.53	11.21	12.08	13.08	12.19	12.95
Maintenance workers (general)	9.45	9.09	8.46	10.36	7.03	7.91	6.42	7.18	9.58	9.98	9.32	9.91
Maintenance trades helpers	-	10.00	11.11	11.31	5.84	8.55	8.58	-	-	-	9.38	9.89
Machine-tool operators (toolroom)	-	12.67	14.82	15.34	-	13.74	-	-	13.88	-	-	-
Tool and die makers	14.03	14.55	15.82	15.47	10.86	13.09	13.82	-	14.68	14.58	12.97	12.12
Stationary engineers	12.51	14.36	14.89	14.53	9.50	12.40	-	-	13.40	13.07	13.74	15.37
Material movement and custodial												
Truckdrivers[2]	8.90	13.49	12.61	12.81	9.28	9.27	8.32	9.14	11.40	12.86	11.92	13.07
Truckdrivers, light truck	5.48	10.05	-	9.04	5.08	6.09	-	5.85	7.27	10.99	7.14	10.84
Truckdrivers, medium truck	8.57	12.90	-	13.13	-	9.69	10.00	9.78	9.75	12.53	12.50	13.58
Truckdrivers, heavy truck	-	12.67	10.80	-	6.01	8.71	-	-	9.66	12.71	11.00	11.83
Truckdrivers, tractor-trailer	11.16	13.97	13.11	13.64	10.02	11.28	8.26	11.88	13.28	13.54	12.71	13.87
Shippers	9.43	8.98	7.53	12.51	7.15	7.24	7.63	5.90	9.52	10.07	8.38	7.52
Receivers	9.29	9.22	9.98	11.37	7.12	8.21	7.50	5.71	9.09	9.76	9.73	8.29
Shippers and receivers	9.44	9.03	-	11.71	7.30	8.22	7.94	7.94	9.54	9.35	8.16	9.74
Warehousemen	9.65	10.27	12.43	9.90	7.78	9.67	7.48	6.44	8.64	11.67	9.56	8.70
Order fillers	8.09	9.59	-	10.53	6.52	8.01	-	-	9.26	10.55	5.93	8.79
Shipping packers	7.36	7.91	8.96	10.26	7.11	-	-	8.15	-	7.41	8.14	8.00
Material handling laborers	8.25	10.19	11.27	11.33	7.90	6.79	9.37	7.78	10.60	10.39	7.46	10.03
Forklift operators	9.14	10.31	11.79	12.98	7.00	9.58	8.21	8.44	11.38	11.52	9.85	9.63
Power-truck operators (other than forklift)	10.68	10.42	-	-	-	-	-	-	10.42	11.23	-	-
Guards	5.49	5.81	-	6.99	4.49	5.70	5.58	-	5.21	5.97	5.01	5.42
Guards I	5.29	5.45	-	6.76	4.46	5.61	5.37	-	5.13	5.90	4.77	5.05
Guards II	6.91	7.81	11.47	9.13	-	10.86	-	-	-	8.71	8.23	7.16
Janitors, porters, and cleaners	4.50	7.12	7.65	7.81	4.03	4.16	4.87	4.05	4.89	6.38	5.32	8.24

See footnotes at end of table.

Table 3. Continued—Average earnings for selected maintenance, toolroom, powerplant, material movement, and custodial occupations in 24 areas, January-June 1986[1]

Occupation	Norfolk-Virginia Beach-Portsmouth, VA- NC	Pittsburgh, PA	Providence-Warwick-Pawtucket, RI-MA	Richmond, VA	St. Louis, MO-IL	San Francisco-Oakland, CA	San Jose, CA	Toledo, OH-MI	Washington, DC-MD-VA	Wichita, KS	Worcester, MA	York, PA
	May	January	June	June	March	March	March	June	March	April	March	January
Maintenance, toolroom, and powerplant												
Maintenance carpenters	$10.87	$12.22	$9.49	$12.21	$14.06	$17.43	–	–	$12.52	–	$11.03	$11.21
Maintenance electricians	12.86	13.44	11.20	14.70	14.88	16.47	$15.95	$14.31	13.14	$13.62	11.84	12.05
Maintenance painters	–	12.33	–	–	13.85	16.83	–	13.80	–	–	–	–
Maintenance machinists	10.32	12.94	10.13	14.29	15.22	16.03	–	14.18	–	–	11.52	11.58
Maintenance mechanics (machinery)	10.81	13.27	10.65	16.84	12.12	14.98	15.89	14.27	–	11.49	10.90	11.26
Maintenance pipefitters	–	12.93	–	–	14.81	–	–	14.79	–	–	11.80	11.97
Millwrights	–	13.46	–	–	13.96	–	–	14.43	–	–	–	–
Motor vehicle mechanics	11.53	11.93	11.79	10.78	12.54	15.95	15.49	13.86	13.43	10.92	12.70	10.79
Maintenance workers (general)	7.08	9.22	7.67	8.38	9.11	10.07	9.86	9.40	8.01	7.26	8.07	8.26
Maintenance trades helpers	–	10.29	–	8.52	–	12.58	–	–	–	–	–	8.69
Machine-tool operators (toolroom)	–	13.32	–	–	–	–	–	14.03	–	–	10.10	12.08
Tool and die makers	–	13.81	12.12	–	15.50	17.23	17.06	14.12	–	13.60	11.80	12.54
Stationary engineers	–	13.22	–	14.72	13.52	16.43	16.11	14.09	13.73	12.66	11.70	–
Material movement and custodial												
Truckdrivers[2]	7.49	12.27	10.98	9.56	12.46	13.57	13.32	12.25	10.64	9.08	10.96	9.86
Truckdrivers, light truck	5.59	12.10	6.54	8.80	9.40	9.16	–	8.97	7.60	5.42	–	–
Truckdrivers, medium truck	7.43	10.97	12.39	9.43	12.02	13.73	–	13.21	6.78	11.22	9.57	10.85
Truckdrivers, heavy truck	6.51	10.07	–	9.28	9.91	14.86	14.06	–	9.72	7.97	10.71	8.78
Truckdrivers, tractor-trailer	8.05	12.65	11.73	10.14	13.50	14.62	13.04	12.19	12.86	9.52	12.27	10.01
Shippers	7.99	11.25	8.65	10.02	9.04	12.76	7.85	10.25	11.09	11.16	7.63	9.20
Receivers	8.76	9.09	7.59	8.27	9.26	11.46	10.37	8.82	10.02	9.92	8.31	7.89
Shippers and receivers	9.35	9.77	7.83	9.58	10.19	10.51	8.33	9.29	8.52	8.45	7.81	7.45
Warehousemen	7.96	9.50	9.98	7.36	8.96	11.86	9.81	10.86	9.95	7.61	8.16	9.05
Order fillers	5.02	10.82	6.68	–	8.26	–	–	9.65	9.93	7.38	7.30	8.47
Shipping packers	5.62	8.33	6.38	8.93	8.33	8.80	–	11.46	–	8.69	7.43	7.21
Material handling laborers	6.98	9.03	6.60	7.61	11.21	10.29	–	12.35	8.41	6.51	6.68	9.22
Forklift operators	7.18	11.19	7.73	9.91	11.59	12.70	10.48	11.40	10.84	–	9.43	8.82
Power-truck operators (other than forklift)	–	11.27	–	7.41	–	13.27	–	–	–	–	–	8.37
Guards	4.50	4.81	4.53	4.32	5.30	5.79	6.34	–	5.49	6.28	5.59	4.71
Guards I	4.27	4.73	4.40	3.97	4.37	5.56	5.85	–	4.83	8.71	5.18	4.46
Guards II	6.41	6.14	–	–	8.74	–	–	–	6.98	5.57	–	–
Janitors, porters, and cleaners	4.77	5.12	4.91	4.96	5.20	8.74	7.10	7.08	4.19	–	5.90	7.15

[1] The industries within the scope of the survey are: Manufacturing; transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and selected services. Earnings relate to hourly earnings excluding premium pay for overtime and work on weekends, holidays, and late shifts.

[2] Includes all drivers regardless of size and type of truck operated.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

Table 4. Percent increases in average hourly earnings[1] for selected occupational groups in 24 areas

Area	Percent increases for 1 year[2] to latest survey													
	All industries					Manufacturing					Nonmanufacturing[3]			
	Office clerical	Electronic data processing	Industrial nurses	Skilled maintenance	Unskilled plant	Office clerical	Electronic data processing	Industrial nurses	Skilled maintenance	Unskilled plant	Office clerical	Electronic data processing	Industrial nurses	Unskilled plant
Northeast														
Newark	5.0	6.4	5.2	4.7	3.7	4.9	4.8	5.3	5.2	4.3	5.0	7.0	5.2	3.4
New York	4.8	3.6	5.4	4.9	3.3	4.4	4.3	4.4	3.9	4.5	4.9	3.5	6.0	3.2
Pittsburgh	3.5	3.7	2.7	1.6	.4	2.7	3.0	2.7	1.1	.9	4.1	4.1	–	.2
Providence–Warwick–Pawtucket	4.2	3.9	5.9	3.6	4.0	3.1	–	–	3.6	4.3	5.3	4.4	–	3.6
Worcester	5.4	6.2	–	4.0	6.1	–	–	–	3.5	5.6	6.0	7.0	–	–
York	3.0	5.8	4.9	3.7	3.1	–	–	5.0	3.6	3.1	–	–	–	3.1
South														
Atlanta	6.2	6.0	4.1	4.2	4.6	6.7	6.4	4.7	4.0	–	6.1	5.9	–	4.9
Greenville–Spartanburg	3.5	6.1	5.0	4.5	1.8	–	5.8	5.0	4.8	3.2	–	–	–	1.3
Houston	4.3	3.5	3.9	1.3	2.1	–	6.5	2.2	.9	1.1	4.3	2.9	–	2.3
Huntsville	–	–	–	4.4	6.9	–	–	–	4.4	8.5	–	–	–	–
Jackson	4.4	4.7	–	2.7	1.3	–	–	–	2.5	3.4	4.3	4.6	–	–
Norfolk–Virginia Beach–Portsmouth	4.4	5.6	–	2.9	1.9	–	–	–	4.0	3.9	–	5.7	–	1.6
Richmond	4.3	8.0	5.6	3.4	2.5	–	6.8	5.7	3.6	5.1	4.1	8.5	–	1.1
Washington	5.3	5.1	–	–	3.1	–	–	–	–	4.8	5.4	5.3	–	3.1
Midwest														
Chicago	4.3	4.2	3.2	3.8	4.8	3.6	4.5	3.3	4.0	3.4	4.7	4.1	3.0	5.2
Davenport–Rock Island–Moline	3.3	3.9	4.1	2.8	3.2	–	–	4.3	2.7	3.3	3.7	–	–	3.1
Detroit	4.9	5.7	7.1	4.1	4.2	5.5	6.8	8.2	4.2	4.6	4.4	4.9	–	3.6
Milwaukee	4.1	3.8	3.3	3.0	2.2	4.6	4.6	3.5	3.0	1.3	3.8	3.4	–	3.1
Minneapolis–St. Paul	5.3	4.5	5.0	3.2	2.7	6.0	4.8	–	3.7	3.3	4.8	4.3	–	2.4
St. Louis	4.0	5.6	3.9	3.6	1.9	2.5	4.4	3.6	3.3	3.5	4.9	6.0	–	.8
Toledo	5.2	3.5	3.7	3.3	2.9	–	2.8	3.8	3.4	3.6	–	–	–	2.3
Wichita	4.3	3.9	1.6	2.1	.1	–	–	1.6	2.3	–1.4	5.4	4.6	–	–
West														
San Francisco–Oakland	4.7	4.2	2.9	3.2	–.8	4.2	–	3.2	2.6	4.2	4.8	4.2	–	–1.4
San Jose	3.9	3.6	–	1.3	3.0	3.6	3.3	–	1.1	–	–	5.3	–	–

[1] Hourly earnings excluding premium pay for overtime and work on weekends, holidays, and late shifts. For method of computing, see bulletin for any area.

[2] Percent increases have been adjusted to reflect a 12-month period even though the time span between annual surveys may have been other than 12 months.

[3] Transportation, communication, and other public utilities; wholesale trade; retail trade; finance, insurance, and real estate; and selected services. Skilled maintenance workers in nonmanufacturing are not presented because most of the workers in this job group are in manufacturing industries.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

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designed for the study of

- the level and movement of wages by occupational category and group
- the relationship of wages among areas

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